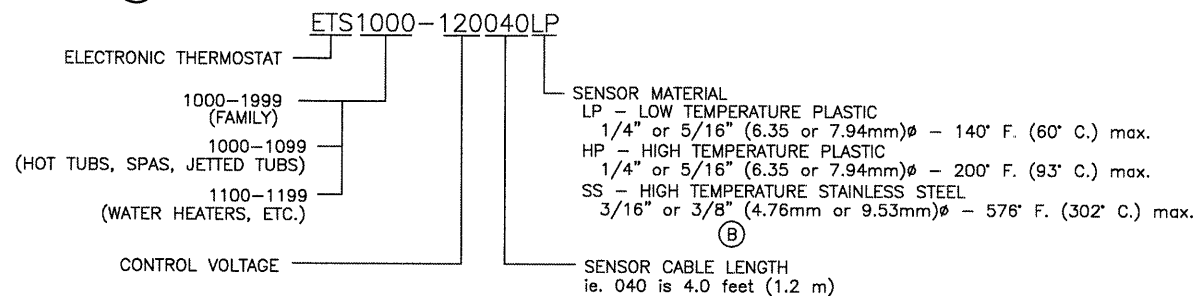


\* NOTE: ADJUSTMENT SHAFT MAXIMUM SIZE PARAMETERS SHOWN. CUSTOM VARIATIONS AVAILABLE WITHIN SIZE ENVELOPE.

**MODEL NUMBER NOMENCLATURE**



**MODEL SPECIFICATIONS**

**ELECTRICAL RATINGS:**

POWER:  
12 VAC, 50/60 Hz +10%/-15% @ 120mA max.  
24 VAC, 50/60 Hz +10%/-15% @ 50mA max.  
120 VAC, 50/60 Hz +10%/-15% @ 50mA max.

OUTPUT:  
SPST N.O. "isolated" contacts rated @ 100,000 cycles

VOLTAGE	RESISTIVE	PILOT DUTY @ .35 PF
12 VAC	5 Amps	1 Amp
24 VAC	5 Amps	1 Amp
120 VAC	5 Amps	1 Amp

**USER TERMINATIONS:**

1/4" x .032" (6.35 x .813 mm) male quick connects are standard. #18 AWG flying leads are available; consult factory.

**OPERATING TEMPERATURE:**

THERMOSTAT BODY  
32° to 158° F. (0° to 70° C.). 0 to 95% RH non-condensing. Circuit board covered with conformal coating.

SENSOR  
576° F. (302° C.) max.

**STORAGE TEMPERATURE:**

TBA

**SENSOR:**

Various sensor and sensor-less options available. Consult factory for specific applications.

**SETPOINT RANGE:**

Ranges available as low as 0° F. (-17.8° C.) and as high as 576° F. (302° C.). Consult factory for specific ranges and tolerances.

**CONTROL ADJUSTMENT ANGULAR ROTATION:**

260° mechanical rotation is standard. 90° and 180° rotation options available.

**CONTROL MODE:**

ON/OFF with switching differentials as low as 1° F. (0.56° C.) depending on setpoint range.

**SETPOINT ACCURACY:**

1% of range over specified temperature range.

**FAULT PROTECTION:**

Fault safe operation in open or shorted sensor conditions

**AGENCY APPROVALS:**

UL, C-UL and European approvals pending. Tested to UL873 and UL1563 standards.

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					FINISH:			NAME: ELECTRONIC T'STAT MASTER SPECIFICATION SHEET				
B	13577	ADDED 3/8"(9.53mm)SIZE TO "SS" OPTION	07/21/99	K.J.N.			SUPERSEDES:	E.R. NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	PART NUMBER:
A	13464	RELEASE TO SALES	06/22/99	K.J.N.			BS-ETS1XXX	82133E	NISHIZAKI			BS-ETS1XXX
LET.	EN #	DESCRIPTION	DATE	NAME	MAKE FROM:	REV.-		SCALE:	DATE:	DATE:	DATE:	
							NTS	06/22/99				